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					Application Numb r 10/020,095			<del></del>	
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Initials*	No.1	Number	Kind Code <sup>2</sup> (if known)		of Patentee or Applicant of Cited Document		ted Document M-DD-YYYY	Where Relevant Passages or Relevant Figures Appear	2002
13	AA	4,215,051		Schroeder e	et al		07/29/80	8	
13	AB	4,376,110		David et al			03/08/83		
KS	AC	4,594,595		Struckman			06/10/86		
43	AD .	4,631,211		Houghten			12/23/86		
W5	AE	4,689,405		Frank et al			08/25/87		
15	AF	4,713,326		Dattagupta	et al		12/15/87		
16	AG	4,873,191		Wagner et a	al	Ĭ	10/10/89		
K	AH	4,946,778		Ladner et a			08/07/90		
115	Al	5,252,743		Barrett et al			10/12/93		
*	AJ	5,272,057		Smulson et	al		12/21/93		
#15	AK	5,424,186		Fodor et al			06/13/95		
(45	AL	5,445,934		Fodor et al			08/29/95		
15	AM	5,459,127		Felgner et a	<u> </u>		10/17/95		
175	AN	5,556,752		Lockhart et	al		09/17/96		
13	AO	5,700,637		Southern			12/23/97		
HS	AP	5,744,305		Fodor et al			04/28/98		
113	AQ	5,830,721		Stemmer et	al		11/03/98		
1/2	AR	5,837,458		Minshull et a	al		11/17/98		
13	AS	5,869,336		Meyer et al.			02/09/99		
15	AT	5,877,397		Lonberg et a	al		03/02/99		
43	AU	5,902,787		Gonias et al			05/11/99		
160	AV	5,948,767		Scheule et a	ıl.		09/07/99		
1/2	AW	6,075,181		Kucherlapat	i et al		06/13/00		
11/2	AX	6,110,490		Thierry			08/29/00		
117	AY	6,150,584		Kucherlapat	i et al.		11/21/00		
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<sup>&</sup>lt;sup>1</sup> Unique citation designation number. <sup>2</sup> See attached Kinds of U.S. Patent Documents. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

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Substitute for form 1449B/PTO					Complete if Known			
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Initials*	No. <sup>1</sup>			zine, journal, seri		.), date, page(s), volume-issue number(		
13	AZ	Bird et al, 1988,	"Single-Cl	nain Antigen-Bin	ding Proteins", Science 242	:423-426.		
K	BAU	Bitter et al, 1987	7, "Express	ion and Secretic	n Vectors for Yeast", Metho	ds in Enzymology 153:516-544.		
KY	вв	Colbere-Garapii 14.	n et al, 198	31, "A New Domi	nant Hybrid Selective Marke	er for Higher Eukaryotic Cells", J. Mol. B	iol. 150:1-	
\$s	всу		arbazole. S			idylates covalently linked to intercalating y (rA) binding", Nucleic Acids Research		
X	BD	Gordon, 1989, "	Transgenio	c Animals", Inter	national Review of Cytology	, 115:171-229.		
155	BEV	Greenspan et a	l, 1993, "ld	iotypes: structure	and immunogenicity", FAS	EB Journal 7:437-444.		
15	BF.₄/	Gu et al, 1994, "Deletion of a DNA Polymerase β Gene Segment in T Cells Using Cell Type-Specific Gene Targeting", Science 265:103-106.						
15	BG	Huse et al, 1989, "Generation of a Large Combinatorial Library of the Immunoglobulin Repertoire in Phage Lambda", Science 246:1275-1281.						
145		Huston et al, 1988, "Protein engineering of antibody binding sites: Recovery of specific activity in an anti-digoxin single-chain Fv analogue produced in Escherichia coli", Proc. Natl. Acad. Sci. USA 85:5879-5883.						
1/2		Inoue et al, 1987, "Sequence-dependent hydrolysis of RNA using modified oligonucleotide splints and R Nase H", FEBS Letters 215(2):327-330.						
145		Inoue et al, 1987, "Synthesis and hybridization studies on two complementary nona(2'-O-methyl)ribonucleotides", Nucleic Acids Research 15(15):6131-6149.						
K		Inouye & Inouye, 1985, "Up-promoter mutations in the Ipp gene of Escherichia coli", Nucleic Acids Research 13(9):3101-3110.						
15	BL	Janknecht et al, 1991, "Rapid and efficient purification of native histidine-tagged protein expressed by recombinant vaccinia virus", PNAS 88:8972-8976.						
15	BM	Kohler & Milstein, 1975, "Continuous cultures of fused cells secreting antibody of predefined specificity", Nature 256:495-497.						
15	BN4	Lakso et al, 1992, "Targeted oncogene activation by site-specific recombination in transgenic mice", Proc. Natl. Acad. Sci. USA 89:6232-6236.						
KS	ВО	Lavitrano et al, 1989, "Sperm Cells as Vectors for Introducing Foreign DNA into Eggs: Genetic Transformation of Mice", Cell 57:717-723.						
K	BP∜	Lo, 1983, "Transformation by Iontophoretic Microinjection of DNA: Multiple Integrations without Tandem Insertions", Mol. & Cell. Biology 3(10):1803-1814.						
W	ВО	Logan et al, 1984, "Adenovirus tripartite leader sequence enhances translation of mRNAs late after infection", Proc. Natl. Acad. Sci. USA 81:3655-3659.						
WS.	BP\$	Lowy et al, 1980, "Isolation of Transforming DNA: Cloning the Hamster aprt Gene", Cell 22:817-823.						
K		Morrison et al, 1984, "Chimeric human antibody molecules: Mouse antigen-binding domains with human constant region domains", Proc. Natl. Acad. Sci. USA 81:6851-6855.						
15		Mulligan & Berg, 1981, "Selection for animal cells that express the Escherichia coli gene coding for xanthine-guanine phosphoribosyltransferase", Proc. Natl. Acad. Sci. USA 78(4):2072-2076.						
16	BU Ø	Neuberger et al, 1984, "Recombinant antibodies possessing novel effector functions", Nature 312:604-608.						
XG	BV <i>U</i>	Nisonoff, 1991, "Idiotypes: Concepts and Applications", J. of Immunology 147:2429-2438.						
KS		O'Hare et al, 1981, "Transformation of mouse fibroblasts to methotrexate resistance by a recombinant plasmid expressing a prokaryotic dihydrofolate reductase", Proc. Natl. Acad. Sci. USA 78(3):1527-1531.						
165	BX V	Ruther et al, 198	33, "Easy ic	dentification of cl	NA clones", EMBO Journa	12(10):1791-1794.		
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INFORMATION DISCLOSHRE						Applicati n Number	10/020,095	
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			I	Examiner Name	Not Yet Assigned H. SCHNIZER			
Sheet	3	of	132			Attorney Docket Number	LEX-0282-USA	

	OTHER PAID ART - NON PATENT LITERATURE DOCUMENTS	
Cite No.'	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T
вМ	Santerre et al, 1984, "Expression of prokaryotic genes for hygromycin B and G418 resistance as dominant-selection markers in mouse L cells", Gene 30:147-156.	
BZ	Sarin et al, 1988, "Inhibition of acquired immunodeficiency syndrome virus by oligodeoxynucleoside methylphosphonates", Proc. Natl. Acad. Sci. USA 85:7448-7451.	
св	Stein et al, 1988, "Physiochemical properties of phosphorothioate oligodeoxynucleotides", Nucleic Acids Research 16(8):3209-3221.	Γ
CEV	Thompson et al, 1989, "Germ Line Transmission and Expression of a Corrected HPRT Gene Produced by Gene Targetin in Embryonic Stem Cells", Cell 56:313-321.	5
CI	Wigler et al, 1977, "Transfer of Purified Herpes Virus Thymidine Kinase Gene to Cultured Mouse Cells", Cell 11:223-232.	
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	BZ CA CBV CC CD CEV CF CG CF CG	Cite Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.  BY Santerre et al, 1984, "Expression of prokaryotic genes for hygromycin B and G418 resistance as dominant-selection markers in mouse L cells", Gene 30:147-156.  BZo Sarin et al, 1988, "Inhibition of acquired immunodeficiency syndrome virus by oligodeoxynucleoside methylphosphonates", Proc. Natl. Acad. Sci. USA 85:7448-7451.  CAV Smith et al, 1983, "Molecular Engineering of the Autographa californica Nuclear Polyhedrosis Virus Genome: Deletion Mutations within the Polyhedrin Gene", J. Virol. 46(2):584-593.  CBV Stein et al, 1988, "Physiochemical properties of phosphorothioate oligodeoxynucleotides", Nucleic Acids Research

Examiner Signature	HMS	Date Considered	1-20-04	

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